

1955, p.

Coaling tank stones. p. 79.

CHINA K'U MING, China, Vol. 5, no. 4, Apr. 1955.

1955: Monthly List of East European Accessions, (RSL), 10, Vol. 4, no. 10, Oct. 1955,
Incl.

1. 1979

Isometric transporters.

1. 1979 (Veda o Kysluce v arthropoda Slovenaca. No. 1, 1979, Praha, Czechoslovakia)

Monthly Index of New European Accessions (I.N.A.) : Vol. 1, No. 1,
February 1979

STENKA, A.

Economical use of electric power in glass factories equipped with blowers and ventilators. p. 134. SBLAR A KERMANK. (Ministerstvo lehkého průmyslu) Praha. Vol. 6, no. 6, June 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 5, no. 12, December 1956

STERRA, A.

Terminology for ceramics. I. p. 139. SKLAR A KERMANIK.
(Ministerstvo lehkého průmyslu) Praha. Vol. 6, no. 6, June 1956.

SOURCE: East European Accessions List, (EEAL), Library of Congress
Vol. 5, no. 12, December 1956.

1954, p.

Patterns for drilling made of unscarf plastic material. p. 448

TECHNICAL (Slovenske nakladatelstvo technickej literatury)
Vol. 8, No. 10, Oct. 1954

Bratislava, Czechoslovakia

NOTE: East European List (Ill.) Library of
Congress, Vol. 1, No. 1, January 1957

STERBA, A.

An economic evaluation of panel and skeleton block dwelling houses. p. 304.

(Pozeň: Stavby. Vol. 5, no. 6, June 1957. Praha, Czechoslovakia)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

STERBA, Antonin

Cooling of tank furnaces. Silikaty 5 no.2:99-113 '61.

1. Vyzkumný ústav mechanizace průmyslu skla, pracoviště
Teplice.

STERBA, Bohuslav

Hazard in substitution of radix veratri for radix senegae. Cesk.
farm. 3 no.5:179-181 My '54.

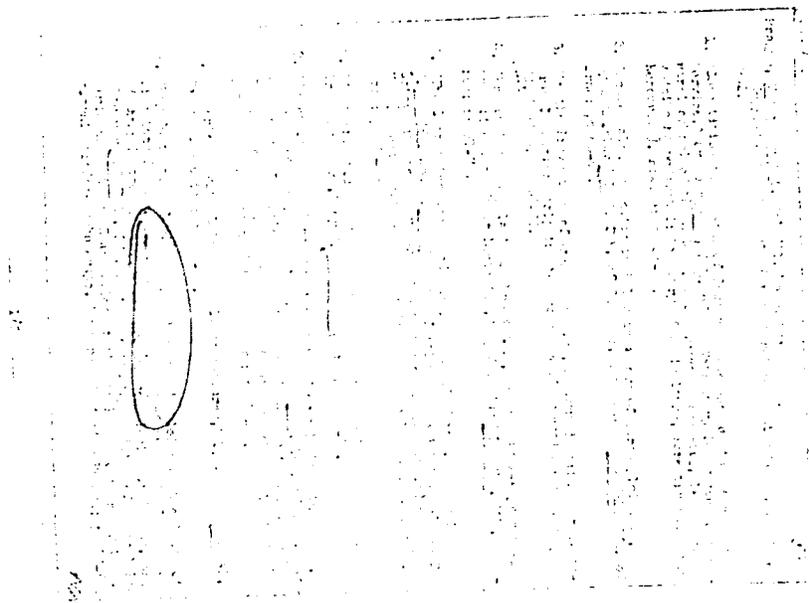
1. Ze Statniho ustavu pro kontrolu leciv v Praze.
(PLANTS,

*senega, hazard in substitution of radix veratri for
radix senegae)

(VERATRUM ALKALOIDS,

*hazard in substitution Veratrum root for Senega root)

STERBA, B.



. STERBA, B.; KUCEROVA, J.

Determination of essential oils in official mixtures of vegetable drugs. Cesk. farm. 13 no.4:186-191 My'64

1. Statni ustav pro kontrolu leziv, Praha.

12.10.1958

CZ/97-58-5-10/19

AUTHORS: Lufka, L., Chudáček, I. and Štěpánek, J.
TITLE: Measuring of Certain Neutron Spectra by Means of the Method of Nuclear Emulsions (Měření některých neutronových spektrů metodou jaderných emulzí)

PERIODICAL: Československý časopis pro fyziku, 1958, Nr. 5, pp 589-598 (Czech)

ABSTRACT: As a part of systematic work aimed at solving certain problems of fast neutron physics, the spectra of fast neutrons measured of two frequently used sources of fast neutrons by means of the method of nuclear emulsions. In the first part of the paper the spectrum is studied of an Ra + Be source and its characteristic is entered in the neutron spectrum of the Ra + Be source of the graph, Fig. 1. In Fig. 2 the neutron spectra of Ra + Be sources measured by various authors are compared. In Fig. 3 the applied approximation of the spectrum of the alpha-particles reacting with beryllium is graphed and also the characteristic of the product BEP(α, n). In Fig. 4 the theoretical characteristic of the neutron spectrum of an Ra + Be source is graphed. The measured spectrum of the neutrons from an Ra + Be source is in good agreement with the results obtained by other authors and a

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satisfactory explanation of this spectrum is given in the paper. In the second part of the paper the spectrum is studied of neutrons from a thick lithium target which is bombarded with deuterons. The measurements were made for three sets of test conditions. The basic characteristics of which are summarized in Table 1. In Fig. 5 part of the corrected spectrum of neutrons is graphed for the test arrangement A and a neutron energy of $E > 5$ MeV; in Fig. 6 the results are graphed of measurements of the neutron spectrum for the arrangement C, Table 1, for the energy range E_n between 1 and 11 MeV. The obtained results are in satisfactory agreement with results obtained by other authors (Refs. 28-35). From the analysis of the spectra the energy levels were evaluated for the nucleus of ^9Be , the found values are partly consistent with currently applied values, while others are in agreement with some more recent results. Acknowledgments are made to Prof. Dr. V. Petržílka

Card 2/3

for suggesting the subject of this work. There are 6 figures, 3 tables and 41 references, 1 of which is Czech, 2 Soviet, 4 German, 1 Hungarian, 1 Swiss and 32 English.

ASSOCIATION: Fakulta technické a jaderné fyziky Karlovy university, Praha (Faculty of Technical and Nuclear Physics, Charles University, Prague)
SUBMITTED: January 14, 1958

Card 5/5

Measurement of some neutron spectra by the nuclear emulsion method. L. Dřska, L. Chudáček, and F. Štěrba. (Karlova Univ., Prague). *Czechoslov. J. Phys.* 6:40-47 (1958) (in Russian).—The neutron spectrum is measured of a Ra-Be source. The source contained 50 mg. Ra as RaCl₂. The shape of the frequency vs. energy diagram of the neutron spectra is dependent on the exptl. arrangement and layer thickness. Another part deals with the Li(d,n) Be⁹ reaction; the shape of the energy spectrum and the energy levels of a Be⁹ nucleus are investigated. An energy level of 5.4 m.e.v. is found in addn. to already known ones. 32 references. A. Kremheller.

6
1000

ROZKOS, M.; STERBA, F.; STERBOVA, J.

A study of the $Co^{59}(p,n)$ reaction at $E_p = 5.75-6.39$ MeV.
Chekhosl fiz zhurnal 15 no.3:151-157 1965.

1. Faculty of Technical and Nuclear Physics of the Czech
Higher School of Technology, Prague 1, Brehova 7. Submitted
April 6, 1964.

LEHAR, Frantisek; PALECKOVA, Jitka; ~~STERBA, Frantisek~~

Directional scintillation detector for neutrons. Jaderna energie 9 no.5:171-172 My '63.

1. Katedra jaderna fyziky, fakulta technicke a jaderna fyziky, Ceske vysoke uceni technicke.

GDR/Zoological Parasitology - Parasitic Worms. Helminthes.

G.

Abs Jour : Ref Zhur - Biol., No 11, 1958, 48188

Author : Storba, G.

Inst : -

Title : Concerning the Morphology and Biology of the Genus Diplozoon (Investigation of Diplozoon tetragenopterini, sp. n.).

Orig Pub : Zool. Anz., 1957, 158, No 9-10, 181-196.

Abstract : A new species of a Diplozoon was discovered in the gills of Ctenobrycon spilurus from the aquarium of the city of Erfurt, where the parasite caused a mass destruction of this fish. Only Gymnocorymbus ternetzi were infected artificially, but less intensively. The larva of the parasite is developed on the 12th day at 24-26°, the hatching takes place on the 13th day. The infection of the fish sets in en masse. The union in pairs usually is observed in young

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- 11 -

... pairs of valves. Sexual maturity is reached on the 8th-10th day after the hatching of the larvae. The oldest individuals, whom it was possible to watch, reached the age of 8 weeks. The union by pairs in the n. Diplozoon is analyzed from the point of view of impregnation, but as an adaptation for existence in conditions of persistent worm-grawing.

Card 2/2

STERBA, Jiri, inz., ScC.

System of production indexes in housebuilding. Poz stavby
11 no. 6: 295-299 '63.

1. Prumstav, Praha.

1. ERDI, Piri, ins. (Ve).

Analysis of production indexes regulates the technical develop-
ment. Poz stavby 11 no. 8:411-413 '63.

1. Inventar, Praha.

PITRA, Josef; STERBA, Jiri

Separation of silica gel for chromatography. Chem listy
57 no.4:389-391 Ap '63.

1. Vyzkumny ustav prirodnich leciv, Praha.

STERBA, Jiri, Inz. CSc.; VESELY, Karol

Physiology, psychology and industrial safety. Poz stavby 12 no.9:
Supplement: II. kura nove technicky a ekonomiky: 209-222 '64.

STERNA, 31. 12. 1965.

Economical aspect of assembled skeleton structure. Pozemni stavby
13 no.4:Suppl:II. kurs nove techniky a ekonomiky. Pt.15;387-392
'65.

L 34441-66 IJP(c)

SOURCE CODE: CZ/0008/65/000/012/1462/1464

ACC NR: AP6026222

AUTHOR: Pitra, Josef; Sterba, Jiri

ORG: Research Institute for Natural Drugs, Prague (Vyzkumny ustav prirodnich leciv)

TITLE: Luminescent silica gel

SOURCE: Chemické listy, no. 12, 1965, 1462-1464

TOPIC TAGS: silica gel, luminescent material, sedimentation separation, homogenization, gelation, chromatography

ABSTRACT: Laboratory production of luminescent silica gels is described. The gel is ground and particles between the sizes of 10 and 35 microns are separated by sedimentation. To these 1 - 1.5% of a selected luminiferous substance is added. This mixture is homogenized, and 15 to 20% of plaster is added. For the preparation of thin layers of this substance on glass 2.6 - 2.7 parts of water are added and after mixing the mass is applied to glass plates. The plates are suitable for use in chromatography. [JPRS: 34,662]

SUB CODE: 07 / SUBM DATE: 22Apr65 / ORIG REF: 002 / OTH REF: 002

Card 1/1 *JS*

001 1570

CZECHOSLOVAKIA

PIETRA, J.; REICHEL, J.; STERBA, J.; Research Institute of Natural Drugs (Vyzkumny Ustav Prirodnich Leciv), Prague.

"The Role of Isomerization in Basically Catalyzed Deacetylation of Lanatosides."

Prague, Czechoslovenska Farmacie, Vol 15, No 5, Jun 66, pp 252-253

Abstract / Authors' English summary modified: Under a given set of conditions basically catalyzed deacetylation takes place selectively in lanatoside A only. In lanatosides B and C it is accompanied by isomerization, which starts later than deacetylation, and appears in the two substances with different intensity. Isomerization products are epoxycardanolides or hydroxy-acids, according to reaction conditions. The substances can be identified on chromatograms by a modified xanthidrol reagent which makes digitoxose visible. 1 Figure, 7 Western, 3 Czech references. (Manuscript received 7 Nov 65).

1/1

STERBA, Ladislav, inz.

Development of drillability classification methods according to the physicommechanical properties of rocks. Geol pruzkum b 25.12.367-370 D 164.

1. Research Institute in Brno of the Ceskoslovenske naftove doly National Enterprise, Hodonin.

STERBA, Ladislav, 'Ina.

Development of methods of drillability classification according
to the physico-mechanical properties of rocks. Pt. 2. C-2
pruzkum 7 no. 1-12-14. Ju '65.

1. Ceskoslovensk ~~naftove~~ ^{ly} ~~Nation~~ ^{ly} ~~Research~~ ^{Research} Institute, ~~Prno.~~ ^{Prno.}

STERBA, M.

CZECHOSLOVAKIA / Chemical Technology, Chemical Products and Their Application, Part 3. - H
Pesticides.

Abs Jour: Ref Zhur-Khimiya, No 18, 1958, 62039.

Author : Robert Nadvornik, Miroslav Toman, ~~Milan Sterba.~~
Inst : Not given.
Title : Study of Structure and Stabilization of Bordeaux Mixture.

Orig Pub: Polnohospodarstvo, 1957, 4, No 5, 1009 - 1016.

Abstract: The effects of the ratio of $\text{CuSO}_4 \cdot 5\text{H}_2\text{O}$ to CaO and of stabilizer additions on the sedimentation and alteration of the microscopic structure of precipitates in the Bordeaux Mixture were studied. The presence of film formations in fresh precipitates and of spherocrystals in

Card 1/2

... .. BUREAU
... ..

... .. (Hall), Library of Congress,
... .. Vol. 5, no. 12, December 1966.

STERBA, O.

STERBA, O. Contribution to the study of crustacea in certain karst waters of Slovakia.
p. 231.

No. 364, 1955.

SPISY

SCIENCE

Brno, Czechoslovakia

So: East European Accession, Vol. 6, No. 2, Feb. 1957

COUNTRY : Czechoslovakia
CATEGORY :
ABS. JOUR. : RZKhim., No. 22 1959, No. 79008
AUTHOR : Bartak, J. and Sterba, O.
: M. J. J.
: The Waste Water of the State-Lavrovich Sugar
Refinery
ORIG. PUB. : Vodni Hospod., No 1, 44-46 (1959)
ABSTRACT : With a view to the reduction of the pollution
load imposed on the river by the refinery wastes,
the following changes were made in the production
process: a hydraulic system is used to convey the
sugar beet cogenates and continuous diffusers with
close cycle water circulation and chlorine disin-
fection are used in the place of the older units.
V. Beranfelc

REF. 1/1

STERBA, Otakar

Fish-culture in the reservoir near Kruzberk. Sbor pal vod VSChT 4
no.1:477-486 '60. (EEAI 10:9)

1. Krajska hygienicko-epidemiologicka stanice, Ostrava a Katedra
Technologie vody, Vysoka skola chemicko-technologicka, Praha.

(Czechoslovakia--Fish culture)
(Czechoslovakia--Reservoirs)

STERBA, Otakar, prom. biolog.

Copepoda (Crustacea) in the brooks of Vihorlat mountains. *Biologia*
16 no.9:678-687 '61.

1. Zoologický ústav přírodovědecké fakulty J. Láckeho university,
Olomouc, Fierlingerova 10.

(Copepoda)

COPEPODA, CZECHIA

Orskan, STEPH, Department of Zoology and Anthropology of the Faculty of Natural Sciences of the Palacky University (Katedra zoologie a antropologie Přírodovědecké fakulty Univerzity Palackého) Olomouc.

"Copepoda from the Interstitial Waters of Some Slovak Rivers."

Bratislava, Biologia, Vol 17, No 13, 1967: pp 892-901.

Abstract (German, partially retitled): Author found 28 species of Copepoda crust. in 16 specimens of water collected. Detailed taxonomic, ecologic and anatomic data are presented on these. Four anatomic drawings, most of the 17 specimens are Czech.

1/1

CZECHOSLOVAKIA/General Problems of Pathology. Tumors

U-4

Abs Jour : Ref Zhur - Biol., No 7, 1958, No 32537

Author : Hermensky Frantisek, Possnerova Vera, Fudlak Pavel,
Dienstbier Zdenek, Sterba Otakar.

Inst : Not Given

Title : The Influence of Preliminary Exposure and Splenectomy in the
Development of Transplanted Mouse Leukemia.

Orig Pub : Ceskosl. onkol., 1956, 3, No 4, 305-312

Abstract : Mice of the same line were administered intraperitoneally with a six-week ♀ C57b1(78) per 0.1 ml of homogenate of leukemic liver. They performed the splenectomy 4-6 days, exposure (200 r) for 18-20 hours before the introduction of the homogenate. Average continuation of life in the ♀ controls 18.45 days, during splenectomy 25.2 days, during exposure 15.45 days. In mice exposed earlier than the others, a significant increase of the general leukocyte count was observed, in spite of the fact that after exposure leukopenia set in. Fifteen days after transplantation, the number of leukocytes in them

Card : 1/2

Charles H. ...

send in the control. In those animals where splenectomy occurred, the number of leukocytes is higher (900 thousand) than in the controls. With the increase of the number of leukocytes in the blood of animals of all groups, many polymorphic lymphoblasts were observed. The average weight of the liver in relation to the general weight of the animal in the mice undergoing splenectomy was 12.5 g%, in those exposed 8, in the controls 9.43 g%. In the animals undergoing splenectomy, the increase of lymph nodes is more strongly expressed.

Card : 2/2

CZECHOSLOVAKIA / Chemical Technology. Chemical Products
and Their Applications. Pharmaceuticals. Vitamins.
Antibiotics.

Abs Jour: Ref Zhur-Khimiya, 1959, No 4, 12308.

Author : Malek, Jiri; Lacko, Ladislav; Sterba, Otakar;
Hospodka, Jaroslav.

Inst : Not given.

Title : Colloid Solution of Dextran for infusion. I. II.

Orig Pub: Ceskosl. farmac., 1956, 5, No 9, 546-556; No 10,
605-611.

Abstract: no abstract.

Card 1/1

61

HEJHAL, L.; STERBA, O.; FIRT, P.

Pathogenesis and treatment of hemorrhages. Rozhl. chir. 36 no.4:225-
234 Apr 57.

1. Ustav klinické a experimentální chirurgie, Praha Ustav hematologie
a krevní transfuze, Praha.

(HEMORRHAGE,
etionathogen. & management (Cz))

FIRT, P.; HEJHAL, L.; STERBA, O.; BEDNARIK, T.

Arterial non-suture anastomosis with a fibrin ring. Rozhl. chir. 37
no.4:217-226 Apr 58.

1. Ustav klinicke a experimentalni chirurgie, reditel doc. Dr. B. Spacek,
a Ustav hematologie a krevni transfuse, reditel Dr. J. Kidery, Praha.
P. F., Praha 13, SNB 75.

(AORTA, surg.

anastomoses with fibrin ring in dogs, pathol. (Cz))

(FIBRIN

fibrin ring in aortic anastomoses in dogs, pathol. (Cz))

STERBA, O.

GEYGAL, L.; FIRT, P.; SHTERRA, O. [Šterba, O.]; BEDNARZHIK, T. [Bednařík, T.]

Vascular anastomosis without angiorrhaphy. Eksp.khir. 4
no.2:24-30 Mr-Apr '59. (MIRA 12:5)

1. Iz Instituta klinicheskoy i eksperimental'noy khirurgii v
Prage (dir. B.Shpachek) i Instituta gematologii i transfuzii
v Prage (dir. - doktor med.nauk prof. I.Gorzheyshi).
(BLOOD VESSELS, surg.

anastomosis with fibrin ring & without
suturing in animals (Rus))

STANIKA, Otakar (Ustav hemat. a krevni transf., U nemocnice 1, Praha 2)

Biology & clinical significance of dextran as plasma substitute. Cesk. pediat. 14 no.1:73-83 5 Jan 59.

1. Ustav hematologie a krevni transfuze, Praha prednosta prof. MUDr. Jaroslav Horejsi, D. Sc.

(DEXTRAN

biol. & clin. significance as plasma substitute, review (Cz))

STERBA, Otakar
XXXXX,

MAJSKI, Alonof

CZECHOSLOVAKIA

no academic degree indicated

Institute of Hematology and Blood Transfusion (Ustav hematologie a krevni transfuze), Prague; Director: prof. J. HOREJSI, ScD, MD.

Prague, Vnitřní Lekarství, No 11, Nov 62, pp 1180-1186.

"Study of the Influence of Intravenous Infusion of 6% Dextran on the Result of Protransfusion Tests"

Co-author:

STERBA, Otakar, same as above

PETZ, Roman; ROTH, Zdenek; STERBA, Otakar

Statistical evaluation of the results of biological experiments using a punched-card system and a sorting machine "analyzer". *Biologia* 18 no.8:635-640 '63.

1. Ústav hematologie a krevní transfuze v Praze, a další příslušné pracoviště v Praze.

STERBA, R.

Dosage of estradiol. Prakt. lek., Praha 31 no. 3:62 5 Feb 1951.
(CML 22:3)

1. Of the Gynecological Center ONP (Head--Rudolf Sterba, M. D.)
in Usti-on-Leba.

STERBA R.; ROSENKRANCOVA, H.

Chorionic gonadotropin in laboratory, in clinic, and in industry.
Cesk. farm 2 no.10-11:363-368 Nov 1953. (CLML 25:5)

1. Of the Control Pharmaceutical Institute MCHP.

STERBA, Rudolf, MUDr.

Improper use of gonadotrophic hormones. Cas. lek. cesk. 94 no.
30-31:824-825 22 July 55.

1. Z diagnostike stanice pro gynekologickou endokrinologii SFN
UNV hlavního mesta Prahy.

(HORMONES, ther. use
gonadotrophic hormones, improper use.)

ŠTĚRBA, RUDOLF

Med ✓ Sex hormones. II. Rudolf Štěrba (Pharm. Kontrollinst., Prague). *Gynaecologia* 142, 389-402 (1956) (in German); cf. *ibid.* 138, 466 (1954).—Report on the pharmacol. and clinical testing of the polyhormonal drug, *Komplexeron*, contg. per dose 5 mg. ethynyltestosterone, 5 mg. methyltestosterone, 5 mg. methylandrosterediol, 0.005 mg. ethynylestradiol, and 20 mg. tocoferol acetate, for treatment of hyperfollicular disturbances. An exact and quant. discussion of the motivation for the use of the various components is given together with a bibliography (27 references).
C. R. Addinall

L

CZECHOSLOVAKIA / Human and Animal Physiology. Internal Secretion, T
Sex Glands

Abs Jour : Ref Zhur - Biol., No 15, 1958, No. 70439

Author : Sterba, Rudolf

Inst : Not given

Title : Antihistaminic Substances and Neurohumoral Regulation
of the Function of the Ovaries

Orig Pub : Vnitri lekárstvi, 1957, Vol 3, No 7, 656-660

Abstract : 300 female rats weighing 50-60 gm were given, over the
course of five days, 60 units of chorionic gonadotropin;
a part of the animals received, in addition, an anti-
histaminic preparation. The latter accelerated the
maturation of follicles, with an increase in weight of
the ovaries, and also hastened the onset of ovulation. --
V. V. Yozvukov

Card 1/1

STERBA, R.; SOUMAR, J.

Effect of new androgens on mammary cancer. Rozhl.chir.39 no.11:
758-761 N°60.

1. Vyzkumny ustav prirodnich leziv Praha, reditel dr. Z. Cekan,
Stat. vyzkumny ustav endokrinologicky Praha, reditel dr. K.Silink.
(BREAST NEOPLASMS ther)
(ANDROGENS ther)

STERBA, R.

New corticoids. Cas. lek. cesk. 99 no.22:[Lek. veda zahr.]p.99-
106 27 My '60.

1. Vyzkumny ustav prirodnich leciv Praha, reditel dr. Z. Cekan.
(ADRENAL CORTE~~X~~ HORMONES)

STERBA, R

SURNAME (in caps); Given Names

Country: Czechoslovakia

Academic Degrees: [not given]

9

Affiliation:

Source: Brno, Vnitřní lékařství, Vol VII, No 8, August 1961, pp 910-915

Date: "Glycide Metabolism and Estrogenic Activity in Obesity."

Authors:

SKAČKHOVA, B, Internal Clinic II of the Faculty of Medical Hygiene of Charles University (II vnitřní klinika LFH KU [lékarská fakulta hygienická Karlovy university]), Prague; Chief (Prednosta): Prof MUDr Jiri Syllaba

SONKA, J, Internal Clinic III of the LFV [abbreviation not identified] of Charles University (III vnitřní klinika LFV KU), Prague; Chief (Prednosta): Academician Josef Charvat

STERBA, R, Research Institute of Natural Drugs (Výzkumný ústav přírodních léčiv); Director (Ředitel) Dr Zdeněk ČERNÝ; 8 82

11

STERBA, R.

An experiment on bloodless blocking of the pituitary gland in rats (An experimental study with reference to possible use of bloodless blockade of the pituitary gland in therapy of breast cancer). Neoplasma 8 no.4:403-410 '61.

1. Forschungsinstitut für Naturarzneimittel, Praha-Hloubetin, Tschechoslowakei.

(BREAST NEOPLASMS experimental) (PITUITARY GLAND pharmacol.)
(ANDROGENS pharmacol.) (HYDROXYPROPIOPHENONE pharmacol.)
(ADRENAL CORTEX HORMONES pharmacol.)

MALEK, J. doc.; TRNKA, V., dr. Sc, doc.; CEPELAK, J., C.Sc.; DYKOVA, H.;
HONTELA, S.; PRESL, J.; STERBA, R., C.Sc.

Therapy and prevention of diencephalo-pituitary disorders in gynecology.
Cesk. gyn. 26[40] no.8:623-628 JI '61.

1. I por.-gyn. klinika fakulty vseobecného lékařství KU, přednosta
prof. dr.K.Klaus Ustav pro péči o matku a dítě v Praze-Podolí, reditel
doc. dr. M.Vojta.

(PITUITARY GLAND ANTERIOR dis)
(DIENCEPHALON dis) (GYNECOLOGY ther)

STERBA, Rudolf

Experimental studies on a bloodless excision of the pituitary in the treatment of cancer. Cesk. gyn. 26[40] no.8:637-641 JI 1961.

1. Vyzkumny ustav prirodnich lecu, Praha-Kloubetin, reditel dr. Z.Cekan, C.Sc.
(PITUITARY GLAND pharmacol) (BREAST NEOPLASMS ther)

CZECHOSLOVAKIA

STREBA, Rudolf

MD

(Presumably) Research Institute for Natural Medicaments
(Výzkumný ústav přírodních léčiv), Prague; Director:
Z. Čekan, Dr.

Prague, Praktický Lékař, No. 19, 1962, pp 342-346

"Final Report on Clinical Study of New Corticoids"

Co-authors:

KTOHML, Oto, MD, same as above, of III Internal
Clinic of the Faculty of General Medicine of
MU (Charles University - Karlova Univerzita),
Prague; Director: Academician J. Charvat
VÁNSOVA, Blanka, Grad. mathematician, same as above

CZECHOSLOVAKIA

K. DVORAK and R. STERBA, Pharmacy and Biochemistry Research Institute (Vyzkumny ustav pro farmacii a biochemii) Chief (reditel) Dr Inz J. NEMECEK, CSc; and Research Institute for Natural Medicinal Products (Vyzkumny ustav prirodnich leciv) Chief Dr Z. CEKAN, CSc; Prague.

"Review of Available Foreign Experiences with Steroid Contraception."

Prague, Casopis Lekarů Ceských, Vol 102, No 20, pp 81-91 of separately paginated section "Medical Sciences Abroad" (Lekarska veda v zahraničí.)

Abstract : Excellent review of chemical, pharmacologic and clinical data. Among 16 structural formulae is that of Superlutin Spofa (16- α methylene α dehydro 17-acetoxypregesterone) shown without further data; trade names, manufacturers and compositions are given. Tables show comparative results of about 40 large-scale clinical studies 1938-1962 with various contraceptive methods incl chemical mechanical rhythm; breakthrough bleeding incidence; comprehensive discussion. Seven tables; about 100 Western references.

1/1

STERBA, R., Praha-Hloubetin, U Elektry 8; VALOVA, B.

One year experience with the preparation Antigest. Cesk. gynec, 30 no.8:605-610 0 '65.

1. Vyzkum. ustav prirod. leziv v Praze (reditel doc. dr. Z. Cekan, CSc.). Submitted May 31, 1965.

Oncology

UDC 615.361.631-092.22:618.19

APPROVED FOR RELEASE: 08/26/2000

CIA-RDP86-00513R001653230003-8

STARA, B.; STERBA, R.; POPUZAK, J.; ONCOPROLOGICKY USTAV, PRAGUE - BULOVKA, DIRECTOR (REDITEL) DR F. VADSKA; RESEARCH INSTITUTE FOR NATURAL DRUGS (VYZKUMNY USTAV PRIRODNICH LEZIV), PRAGUE, DIRECTOR (REDITEL) DOCENT DR Z. CEKAN.

"The Effect of 1-alpha,17-alpha-Dimethylandrostanolone in Mastopathies."

Prague, Casopis Lekarů Ceských, Vol 105, No 24-25, 17 Jun 66, pp 674 - 677

Abstract [Authors' English summary modified]: A new Czechoslovak product dimethylandrostanolone (DMA) was administered to 41 patients for a period of 203 cycles during 2 1/2 years and compared to the drug methandrostenolone (MA) distributed under the name of Stenolon. In oncological prevention of mastopathies, and for protection of the sound mammary gland after unilateral mastectomy DMA nad MA are equal to each other. No signs of conversion of DMA to estrogens were found. 3 Figures, 6 Tables, 18 Western, 1 Czech, 1 East German reference. (Manuscript received Jun 65).

LUJZEK, M.; BLANA, R.; KALIVODA, R.; KALOUSKOVA, A.; STERBA, S.; ZOULEK, D.

Pyriminium emboate (vanquine) therapy of enterobiosis. Cesk. pediat.
20 no.11:1013-1014 N '65.

1. Stredisko pro cizokrajne choroby fakultni nemocnice v Praze 10
(vedouci MUDr. R. Kalivoda).

FRANK, J. ; VECERA, P.

Introduction to the theory of organic chemistry. III. Classification of electron transfers; radical and ion reactions.

B. 03. (ORGANICKA CHEMIE A TECHNOLOGIE) (Pardubice-Rybitvi) Vol. 7, no. 11, Nov. 1957

30: Monthly Index of East European Accession (MIEA) LC Vol. 7, No. 5, 1958

SI 111, 1. 1. 1. 1. 1.

Introduction to the theory of organic chemistry. IV. Methods for studies of the mechanism of organic reactions.

F. 447. (ORGANICKA CHEMIE A TECHNOLOGIE) (Pardubice-Rybitvi) Vol. 7, no. 12, Dec. 1957

SO: Monthly Index of East European Accession (EIAI) 10 Vol. 7, No. 5, 1958

57-107 V.

Distr: 4E3d/4E2c(j)

p-Nitroacetophenone, 7 Jaroslav Šlosar and Vojislav Šterbo. Czech. 88,821, Feb. 15, 1959. The method consists of oxidn. of p-nitrocumene (I) and subsequent cleavage of the resulting p-nitrocumene hydroperoxide (II) in aq. emulsion with FeSO₄ soln. according to Czech. 84,638 (C.A. 50, 0447a). The chief side product, p-nitrophenylmethylcarbinol (IIa), is dehydrated with catalysis by strong org. acids or KHSO₅, to give predominantly p-nitro- α -methylstyrene (IIb) which is then oxidized with H₂CrO₄ to yield p-nitroacetophenone (III). Mixt. of 350.2 g. I and 2 g. 100% II heated in a glass tower 25 hrs. to 110° with passing O and evapd. at 140°/1 mm. gave in the distillate 232.5 g. I contg. 4.5% II, used in the next run, and in the distn. residue (145.7 g.) a product contg. 81% II, emulsified in 1.5 l. H₂O with a high-speed stirrer and treated at 60° dropwise in the course of 30 min. with 223.5 g. FeSO₄·7H₂O in 500 ml. H₂O. The mixt. cooled, acidified with 50 ml. 50% H₂SO₄, the crude product extd. with 200 ml. C₆H₆, the ext. washed as usual, C₆H₆ evapd. *in vacuo*, the oily product dild. with 150 ml. MeOH and the soln. cooled to -15° gave 49 g. III. The mother liquors evapd. to remove MeOH, the residue (77.1 g.) distd. at 2 mm., the distillate (62.7 g.) added dropwise to 8 g. KHSO₄ at 200°/200 mm., the resulting partly crystd. IIb (55.5 g.) distd., dissolved in 450 ml. AcOH and treated at 60° with stirring in the course of 1 hr. with 55 g. CrO₃ in 450 ml. AcOH and 50 ml. H₂O, the mixt. evapd. at 70°/30 mm., the residue dild. with 150 ml. H₂O, extd. with C₆H₆, and the ext. worked up as above gave 20.5 g. III, the over-all yield being 59.5%. I (115.2 g.) recovered by evapn., the peroxide oxidized with O 6 hrs. at 120°, and the products worked up as above gave 13.15 g. cryst. III, while the mother liquors yielded, on distn., a mixt. contg. I 9, III 18.2, and IIa 72%.

L. J. Urbánek

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VECERA, M.; SYNEK, L.; STERBA, V.

Rearrangement of aromatic hydrazo compounds. IV. Study of the acid catalysis and the effect of the medium and the temperature on rearrangement of hydrazobenzene. Coll Cz Chem 25 no.8:1992-2004 Ag '60. (EEAI 10:9)

1. Forschungsinstitut für organische Synthesen, Pardubice-Rybitvi.

(Hydrazo compounds) (Aromatic compounds) (Rearrangements)
(Catalysis) (Hydrazobenzene)

MATRIKA, Miroslav; SAGNER, Zdenek; STERBA, Vojoslav; ARIENT, Josef

Decomposition mechanism of some basic triphenylmethane dyes in aqueous medium. Chem prum 11 no.11:574-577 N '61.

1. Vyzkumny ustav organickych syntez, Pardubice-Rybitvi.

MATRKA, M.; NAVRATIL, F.; STERBA, V.; ARIENT, J.

Polographic determination of 2,2'-bis-pyrazoleanthrone in the presence of pyrazoleanthrone. Coll Cz Chem 26 no.7:1763-1767 J1 '61.

1. Organisch-technologisches Laboratorium I, Forschungsinstitut für organische Synthesen, Pardubice-Rybitvi.

(Anthrone) (Pyrazole)

MATRKA, Miroslav; SAGNER, Zdenek; NAVRATIL, Frantisek; STERBA, Vojeslav

Oxidation of N,N,N',N' - tetramethyl naphthidine to the dinaphthoquinone-(4,4')-bis-dimethyl immonium salt. Chem prum 12 no.4:178-182 Ap '62.

1. Vyzkumny ustav organickych syntez, Pardubice-Rybitvi.

VECERA, M.; STERBA, V.

"Carbon-14 compounds" by J.R. Catch. Reviewed by M. Vecera
and V. Sterba. Chem prum 12 no.9:511-512 S '62.

1. Vyzkumny ustav organickych syntez.

~~STEER, V.~~

"Valance" by C.A. Coulson. Reviewed by V. Sterbe. Chem listy 56 no.12:
1462-1464 D '62.

STERBA, V.

"Electron-donor-acceptor complexes" by Gunther Briegleb. Reviewed
by V. Sterba. Chem listy 57 no. 5: 545-546 My '63.

STERBA, V.

"Encyclopedia of physics" edited by S. Flugge. Vol 37/2:
"Molecules." Pt. 2. Reviewed by V. Sterba. Chem listy
57 no. 5: 549-550 My '63.

STERBA, V.

"Theories of electrons in molecules" by William T.Simpson. Reviewed
by V.Sterba. Chem listy 57 no.10:1087 0 '63.

STIERA, V.

"The quantum theory of molecular electronic structure" by Robert
S. Parr. Reviewed by V. Stierba. Chem listy 58 no. 4:477-478
Ap. 1964.

SLOSAR, Jaroslav; STEKBA, Vojoslav

Oxidation of methyl naphthalenes in liquid phase. Chem pr
15 no.3:142-147 Mr '65.

1. Research Institute of Organic Syntheses, Pardubice-Rybitvi.

SILOVA, J. J. (1964)

Oxidation of organic phosphines in liquid phase. *J. Org. Chem.*
29, 15, 1564-1567 (1964)

Research Institute of Organic Syntheses, Bratislava, Czechoslovakia
Submitted December 17, 1964

L 3177-12

ACC NR: 176023169

SOURCE CODE: CZ/0008/65/000/C11/1317/1364

AUTHOR: Sterba, Václav; Čamer, Jiřenek; Matřka, MiroslavORG: Laboratory of Organic Technology, Research Institute for Organic Syntheses,
Pardubice - Jybitvř (Organicko-technologicka laborator, Vyzkumny ustav organickych
synthes)TITLE: Kinetics of diazotization of aniline and p-chloroaniline using electrometric
determination of nitrous acid in the reaction mixture

SOURCE: Chemické listy, no. 11, 1965, 1361-1364

TOPIC TAGS: chemical kinetics, aniline, chemistry technique, organic azo compound

ABSTRACT: The study was conducted in a medium of 0.1 N HCl at 0°,
10°, and 20°C. The progress of the reaction was continuously
followed by means of an electrometric method proposed by the
authors. The influence of the concentration of HCl upon the vel-
ocity constant of the reaction was investigated. The rate de-
creases with increasing acid concentration. The electrodes used
in the electrometric method are poisoned after some time by the
action of nitrous acid and that of nitrosylchloride. Orig. art. has: 7 figures
and 3 tables. [JPRS]

SUB CODE: 07 / SUBM DATE: 11Nov64 / ORIG REF: 005 / OTH REF: 001

Card 1/1 MC

095

1380

ANNOUVEA

SEMA, V; SAKAL, L; PAKKA, V.

Department of Organic Synthesis, Pomschan, Institut
für organische Synthesen), Pardubice-Lybitvi (for all)

1965, Collection of Czechoslovak Chemical Communications,
10, 1965, pp 3335-3337

"Kinetic studies of Nitroamine in an Environment of
Hydrochloric acid."

CZECHOSLOVAKIA

STRKA, M.; MARHOLD, J.; SAGNER, Z.; STERBA, V.

Laboratory of Organic Technology and Toxicology,
Research Institute of Organic Synthesis, Pardubice-
Hybšovi - (for all).

Prague, Collection of Czechoslovak Chemical Communi-
cations, No 11, November 1965, pp 3956-3958.

"Paper chromatography of -substituted derivatives of
1-aryl-3,3-dimethyltriazene."

CZECHOSLOVAKIA

STERBA, V; ARIENT, J; NAVRATIL, F.

Research Institute for Organic Synthesis (Forschungsinstitut
für organische Synthesen), Pardubice-Rybitvi - (for both)

Prague, Collection of Czechoslovak Chemical Communications, No 1,
January 1966, pp 113-121

"Imidazol dyes. Part 16: Nitration of methyl derivatives of
benzimidazol."

CZECHOSLOVAKIA

STERBA, V.; ARIENT, J.; SLOJAR, J.

Research Institute for Organic Synthesis (Forschungs-
institut für organische Synthesen), Pardubice-Rybitvi

Prague, Collection of Czechoslovak Chemical Communica-
tions, No 3, March 1966, pp 1093-1100.

"Imidazole dyes. Part 17: Nitration of 2-phenylbenzimi-
dazole and its nitro derivatives."

STERBA, Zbynek, inz.

Economy of the use of bulk cement on medium-size constructions.
Inz stavby 6 no.3:132-136 Mr '58.

1. Stavby silnic a zeleznic, n.p.

MATRKA, M.; PCSKOCIL, J.; SAGNER, Z.; STERBA, Z.

Oxydation of N,N,N',N'-tetraethyl-4,4'-diaminoazobenzene with cerium (IV)-sulfate. Coll Cz Chem 26 no.12:3177-3180 D '61.

1. Organisch-technologisches Laboratorium I, Forschungsinstitut für organische Synthesen, Pardubice-Rybitvi.

STERBACEK, Y.

Purification of waste waters from production of dyestuff intermediates. Y. Sterbacek, D. Jank and I. Teta (Chem. Prům., 1957, 7, 187-189). Waste water containing many inorg. and org. compounds including sulphuric acid and benzidine, pptn. with lime and coagulation with $Al_2(SO_4)_3$ and $FeSO_4$ at pH ranging from 8 to 9.5, followed by neutralization with CO_2 , had practically no effect on org. compounds present. Oxidation with MnO_2 , chlorine, and a phosgene treatment gave better results. Chlorine lowered oxidation value (I) of water by 35.8%. Best results were obtained by: (a) adsorption on "active coal" (II) and chlorination which lowered I by 74.2%; (b) adsorption on washed coke (5 columns) followed by II (1 column) which lowered I by 80.8%; (c) diazotization with $NaNO_2$ and coupling followed by coagulation with $Al_2(SO_4)_3$ and adsorption on II, which lowered I by 81.1%. J. Muzina

RM
10/26/6

STERBACEK, Z.; TAUSK, P.; TRCA, J.

STERBACEK, Z.; TAUSK, P.; TRCA, J. Neutralizing sulfuric acid waste by means of calcium
oxide in solid form. p. 251

Vol. 35, no. 8, Aug. 1956

VODA

TECHNOLOGY

Praha, Czechoslovakia

So: East European Accession Vol. 6, no. 2, 1957

STERBACEK, Z

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water treatment. Sewage water H-5

Abs Jour : Ref. Zhur. - Khimiya, No 2, 1958, No 5136
Author : Sterbacek Z., Tausk P., Trca J.
Inst : Not Given
Title : Purification of Sewage Water Derived from Production of Intermediates
Orig Pub : Chem. prumysl, 1957, No 3, 127-130

Abstract : The initial sewage water contained (in g/liter): nitro-sulfonaphthalene 1.2, sulfo-naphthylamine 16.3, other organic substances, about 4; acids (mostly HCl) 4.7, mineral salts (mostly CaSO₄ and MgSO₄) about 70. On coagulation of sewage water

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and Cl₂ lowered the oxidability by 27% and 35.5%. On treatment of sewage water with activated carbon (five times, 20 g/liter each) the oxidability was decreased by 80%. Treatment of sewage water with COCl₂ decreased the oxidability by 24%. On diazotization of sewage water the oxidability was decreased by 47%. Subsequent coagulation with Al₂(SO₄)₃ (1600 mg/liter) and treatment with activated carbon (2 g/liter) decreased the

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CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water treatment. Sewage water H-5

Abs Jour : Ref. Zhur. - Khimiya, No 2, 1958, No 5136

Abstract : oxidability up to 74.4 and 84.1%. The treated sewage water is innocuous. Economically the method is the most advantageous.

Sterbaek, Z.

CZECHOSLOVAKIA / Chemical Technology. Chemical Products and Their Application. Water Treatment. Sewage. H

Abs Jour: Ref Zhur-Khimiya, No 9, 1959, 31834.

Author : Sterbaek, Z., Tausk, P., Trca, J.
Inst : Not given.
Title : The Treatment of Sewage Waters During the Refining of Mineral Oils.

Orig Pub: Voda, 1957, 36, No 2, 42-45; 45-46.

Abstract: The sewage waters, formed during the refining of mineral oils, are a mixture of two emulsions: (1) oils in water and (2) water in oils. The emulsion of water in oils easily disintegrates on standing. The emulsion of oils in water is more stable, and for its disintegration there is required a change of the pH medium by the

Card 1/2

192

STERBACEK, Zdenek

"Properties of gases and liquids" by St. Bretsznajder. Reviewed by
Zdenek Sterbacek. Chem prum 13 no.4:207 Ap '63.

STERBAČEK, Zdenek

Pressure loss of slot trays. Chem prum 14 no. 3: 119-
123 Mr '64.

1. Research Institute of the Kralovopolska strojirna Branch,
Prague.

CERNY, Ludek; KUCERA, Otakar; STERBAKOVA, Emilie

Index card used in cataloging of psychiatric diseases of children.
Cesk.psychiat.56 no.5:289-298 0'60.

1. Detska psychiatricka lecebna v Dolnich Pocernicich. Psychiatricka
poradna pro deti a mladistve, Praha 2.
(MENTAL DISORDERS)
(MEDICAL RECORDS)

CERNY, L.; STERBAKOVA, E.

Experience with the use of fenobarman in child psychiatry. *Activ. nerv. sup.* 3 no.2:225-226 '61.

1. *Detská psychiatrická léčebna, Dolní Pocerovice.*

(SUICIDE) (PSYCHOPHARMACOLOGY)

STERBACKOVA, M.

Survey control of the overburden cubic content in nonore
quarries. Stavivo 42 no.4:147-149 Ap '64

1. Moravske keramicke zavody National Enterprise, Rajec --
Jestřebí.

STERBAL, S.; PIRKMAJER, E.

Electroluminescence. Obz mat fiz 7 no.1:31-34 Mr '60. (EEAI 9:8)
(Luminescence)

Distr: 4E2c

Rapid analysis of cast iron in the foundry. Ferenc Sterbenz (Vasöntöde, Sopron, Hung.). *Ontöde* 10, 11-16 (1959).—A simplified scheme, suitable for use in foundry labs., was developed for the detn. of Si, Mn, P, Cr, and Ni from 2 sample weighings. L. G. Arvai.

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STERBETZ, Istvan

What is the reason the paprika is not so hot in recent years?
Elet tud 18 no.7:218 17 F '63.

1. "Elet es Tudomany" mezogazdasagi szakmunkatarsa.

STERBETZ, I.

Saser near the Tisza River. p. 282. TERMESZET ES TARSADALOM. (Társadalom- és Természettudományi Ismeretterjesztő Vallalat) Budapest. Vol. 114, no. 5, May 1955. From Lenin's legacy; Lenin's guidance for workers in cultural propaganda work. p. 257.

SOURCE: East European Accessions List (EEAL), Library of Congress
Vol. 5, no. 6, June 1956

1956, I.

Protection of the Heron (Ardea herodias) in Hungary. Tr. from the
Hungarian. p. 31. OSZTÁRSÁG PÉRIÓDIKUS. Ministerstvo kulture. Statal pece
of oshtrenu (prirody) Praha. Vol. 11, no. 3, Apr. 1956.

1956: East European Acquisitions List, Vol. 5, no. 8, September 1956

STERLETZ, Istvan, agrarmernok

Wild birds in primitive and in cultured environment.
Elet tud 15 no.22:683-686 29 My '60.

STARBUZ, Istvan (Budapest)

Inhabitation of birds connected with the regional changes in
the Feherto reservation area near Szeged. Allattani kozl 50
no.1/4:129-134 '63.

SILABETZ, ISLAN

by genetic appearance of ...
reservation. April 1957-1958

Nesting of glaucous-winged gull. 1957-1958

Fields destroying ... potato beetle. 1956-1958

MURVAY, Arpad (Budapest); STERBETZ, Istvan (Budapest)

Population fluctuations in the avifauna of Saser reservation.
Allattani kozl 51 no.1/4:77-81 '64.

STERBETV, Istvan (Budapest)

Natural conservation problems in regard to the Hungarian bustard
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SCHMIDT, Egon; STERBETZ, Istvan; GYERESSY, Antal; SCHAFER, Lajos; TERNYAK, Jeno;
MATE, Laszlo; GEREBY, Gyorgy; BERETZK, Peter, dr.

Data on the avifauna of the region between the Danube and the
Tisza. Aquila 69/70:258-260 '62-'63 [publ. '64].

HOREJSI, J.; LEHKY, T.; NIKL, J.; ZMESKALOVA, D.; technicka spoluprace:
JENLICKOVA, M.; STERBIKOVA, J.

Use of heterologous plasma with glutathione in exsanguinated experimental animals. Rozhl. chir. 41 no.10:662-666 0 '62.

1. Ustav hematologie a krevni transfuze v Praze, reditel prof. dr.

J. Horejsi, DrSc.

(GLUTATHIONE)

(BLOOD TRANSFUSION)

(HEMORRHAGE)

NIKL, J.; LEHKY, T.; STERBIKOVA, J.; JEHLICKOVA, M.

Metabolism of Heteroplasma. IV. Formation of urea and ammonia.
Cesk. gastroent. vyz. 17 no.7:411-421 N'63

1. Ustav hematologie a krevni transfuze v Praze; reditel prof.
dr. J. Horejsi, DrSc.

ŠTERBOVÁ, A.

CZECHOSLOVAKIA/Cosmochemistry. Geochemistry. D
Hydrochemistry.

Abs Jour : Ref Zhur - Khimiya, No. 8, 1957, 26582.
Author : Onderíková, V., Šterbová, A.
Inst :
Title : To The Question of The Biology and Chemical
Regime of The Cravski Reservoir of Water.
Orig Pub : Vodní hospodářství, 1956, No. 2, 46 - 51.
Abstract : No abstract.

Card 1/1

STREKOVA, A., inz.

Prognosis of water composition in the Ruzin Reservoir. Vodni hosp 13 no.8:294-295 '63.

1. Vyskumny ustav vodchospodarsky, Bratislava.